

**Amendments to the Claims:**

This listing of claims will replace all prior versions and listings of claims in the application:

**Listing of Claims:**

1. (currently amended) Optical detector device for a meter, comprising:  
a consumption indicator formed of a rotating target  $[(4)]$  and optical elements of emitting type and receiving type of which at least one lies opposite said target, whose received optical signal is processed to infer at least the number of rotations of said disc,  $[(comprising)]$  having at least two said optical elements  $[(6A, 6B)]$  of one type and at least one said optical element  $[(7)]$  of the other type,  $[(characterized in that)]$  wherein said target  $[(4)]$  is a portion of an opaque disc with a  $[(centre)]$  center angle called a first angle (  $\gamma$  ) of between about 45 and about 225°, and said two optical elements of one type  $[(6A, 6B)]$  are emitting elements of a light beam, whose light beam is outside target  $[(4)]$  and in that it also comprises at least one mirror  $[(4A, 4B)]$  reflecting each optical beam on the pathway of the target.

2. (currently amended) Device as in claim 1,  $[(characterized in that)]$  wherein said disc portion  $[(4A)]$  has a  $[(centre)]$  center angle (  $\gamma$  ) of 180°.

3. (currently amended) Device as in [[either of the preceding]] claim[[s]] 1,  
[[characterized in that it comprises]] further comprising two emitting optical elements  
[[((6A, 6B))]] and one receiving optical element [[(7)]].
4. (currently amended) Device as in claim 3, [[characterized in that]] wherein  
said three optical members [[(6A, 6B, 7)]] are substantially aligned and the receiving  
optical element [[(7)]] is between the emitting elements [[(6A, 6B)]].
5. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1,  
[[characterized in that it comprises]] further comprising two emitting optical elements  
[[((6A', 6B''))]] and two receiving optical elements [[(7', 7'')]] associated in pairs, each  
receiving element receiving the optical beam of the emitting element in the same pair.
6. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1,  
[[characterized in that]] wherein the two optical emitters [[(6A, 6B)]] operate in  
sequentially.
7. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1,  
[[characterized in that]] wherein the positioning of said optical elements [[(6A, 6B, 7)]] is  
such that the angle of incidence (B) of the optical beam emitted and received by the  
optical elements is less than 60°.

8. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1, [[characterized in that it comprises]] further comprising at least one collimator device [[(8)]] for the optical beam.

9. (currently amended) Device as in claim 8, [[characterized in that]] wherein said collimator device [[(8) comprises]] has slits [[(9)]] limiting stray interference between light beams.

10. (currently amended) Device as in [[any of the preceding]] claim[[s]] 1, [[characterized in that it comprises]] further comprising an additional optical emitter whose trace on the disc [[(4)]] is centred on the axis of symmetry (A) of the disc, the disc [[(4)]] being provided with a reflecting zone about this axis (A).

11. (currently amended) Fluid meter [[(1)]] comprising:  
a rotating disc [[(4)]] that is part of an optical detector device as in [[any of the preceding]] claim[[s]] 1.

12. (currently amended) A [[Detection]] detection module [[(5)]] intended to cooperate with a fluid meter [[(1)]] and comprising said optical elements [[(6A, 6B, 7)]] that are part of a device as in [[any of]] claim[[s]] 1 [[to 10]].

13. (currently amended) A module [[Module]] as in claim 12, ~~characterized in that it also comprises~~ further comprising an optical beam collimator device [[(8)]].